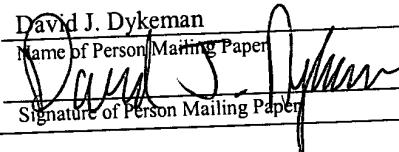


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|-----------------|---|-----------------|------------------|
| Application of: | Rabiner et al. | Examiner: | Not Yet Assigned |
| Serial No.: | Not Yet Assigned | Group Art Unit: | Not Yet Assigned |
| Filed: | September 19, 2003 | | |
| Entitled: | Apparatus and Method of Removing Occlusions Using an Ultrasonic Medical Device Operating in a Transverse Mode | | |
| | | Conf. No.: | Not Yet Assigned |

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL928103906US on this date, September 19, 2003, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman
Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents, as well as, for the Examiner's convenience, copies of all foreign patent documents and non-patent literature are enclosed. This application was filed after June 30, 2003, and copies of U.S. patents and U.S. patent applications are not required and are not enclosed.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: September 19, 2003

Respectfully submitted,

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Boston, MA 02199-7613
Tel: 617-239-0100

| USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office | | | | Attorney Docket No. 20563/1014 | | Serial No. Not Yet Assigned | |
|---|--|------------|-------------------|-----------------------------------|-------|--------------------------------|------------------------------|
| INFORMATION DISCLOSURE STATEMENT | | | | Applicant(s): Rabiner et al. | | | |
| | | | | Filing Date: September 19, 2003 | | Group: Not Yet Assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
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| Examiner Initial | | Document No. | Publication Date | Country | Class | Subclass | Translation | |
| | | | | | | | YES | NO |
| | | | | | | | | |
| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | |
| | A | International Search Report based on PCT/US02/02059 dated July 9, 2002 | | | | | | |
| | | | | | | DATE CONSIDERED | | |
| EXAMINER | | | | | | | | |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p> <p>**Copies of references not provided at the time of this submission.</p> | | | | | | | | |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/02059

(A)

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 17/22, 17/20

US CL : 606/159, 173-181, 604/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 606/159, 173-181, 604/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| Y | | 15-20 |

 Further documents are listed in the continuation of Box C. See patent family annex.

| | | |
|---|-----|--|
| * Special categories of cited documents: | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "X" | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "B" earlier document published on or after the international filing date | "Y" | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "&" | document member of the same patent family |
| "O" document referring to an oral disclosure, use, exhibition or other means | | |
| "P" document published prior to the international filing date but later than the priority date claimed | | |

Date of the actual completion of the international search

Date of mailing of the international search report

09 JUL 2002

Name and address:
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